	L #	Hits	Search Text	DBs	Time Stamp	Type
1	L16	3	("4263997"|"5249954"|"5431182").PN.	USPAT	2004/06/25 12:44	BRS
2	L17	29	("4209122"|"4274438"|"4481451"|"4509403"|"4523286"|"4556956"|"4712173"|"5070846"|"5197328"|"5251148"|"5272647"|"5329465"|"5469737"|"5526690"|"5543696"|"5549137"|"5573032"|"5654885"|"5684451"|"5687098"|"5878765"|"5884894"|"5966679"|"5992229"|"6016875"|"6035878"|"6192321"|"6272401"|"6466893").PN.	USPAT	2004/06/25 12:44	BRS
3	L20	0	balance WITH supply WITH vent WITH plug	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 13:46	BRS
4	L21	117	supply WITH vent WITH plug	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 13:46	BRS
5	L22	750	bead ADJ chain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 13:46	BRS
6	L23	0	L21 AND L22	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 13:48	BRS
7	L24	3	L21 AND balance WITH plug	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 13:50	BRS
8	L25	2	L21 AND (amplifier OR pneumatic ADJ3 relay)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 14:15	BRS
9	L26	70	L21 AND valve	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 13:55	BRS
10	L27	33	L21 SAME valve	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 14:09	BRS
11	L28	43842	valve WITH plug	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 14:10	BRS
12	L29	0	L28 SAME L22	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 14:10	BRS
13	L30	5	L28 AND L22	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 14:15	BRS
14	L31	2197	(amplifier OR pneumatic ADJ3 relay) WITH plug	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 14:17	BRS
15	L32	0	L31 AND L22	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 14:17	BRS
16	L33	4779	(amplifier OR pneumatic ADJ3 relay) SAME plug	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 14:18	BRS
17	L34	0	L33 AND L22	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 15:49	BRS

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	L #	Hits	Search Text	DBs	Time Stamp	Type
18	L35	27	amplifier AND pneumatic ADJ3 relay AND (deadband OR dead ADJ band)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 14:50	BRS
19	L36	231	(converter OR transducer) WITH (deadband OR dead ADJ band)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 14:50	BRS
20	L37	25	L36 SAME (flow OR fluid OR liquid)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 15:52	BRS
21	L39	75276	("251").CLAS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 15:40	IS&R
22	L40	61755	("239").CLAS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 15:41	IS&R
23	L41	136572	("137").CLAS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 15:41	IS&R
24	L42	33372	("138").CLAS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 15:41	IS&R
25	L43	16	(L39 OR L40 OR L41 OR L42) AND L22	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 15:50	BRS
26	L44	673	(700/281,282,289,301).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 15:49	IS&R
27	L45	0	L44 AND L22	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 15:49	BRS
28	L46	583	(L39 OR L40 OR L41 OR L42 OR L44) AND flat ADJ3 spring	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 16:25	BRS
29	L47	1241	flat ADJ3 spring WITH (regulator OR transducer OR amplifier OR converter OR valve OR plug OR nozzle)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 15:51	BRS
30	L48	222	L46 AND L47	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 15:51	BRS
31	L49	289	L47 SAME (flow OR fluid OR liquid)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 15:52	BRS
32	L50	80	L48 AND L49	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 15:53	BRS
33	L51	4	5078362.URPN.	USPAT	2004/06/25 16:06	BRS
34	L52	4850	(L39 OR L40 OR L41 OR L42 OR L44) AND chain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 16:25	BRS
35	L53	97	(L39 OR L40 OR L41 OR L42 OR L44) AND chain WITH plug	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 16:25	BRS

	1	Document ID	Source	Issue Date	Title	Current OR	Inventor	2
1	☐	US 5573032 A	USPAT	19961112	Valve positioner with pressure feedback, dynamic correction and diagnostics	137/486	Lenz, Gary A. et al.	☒
2	☐	US 5549137 A	USPAT	19960827	Valve positioner with pressure feedback, dynamic correction and diagnostics	137/486	Lenz, Gary A. et al.	☒
3	☐	US 4523286 A	USPAT	19850611	Apparatus for making diagnosis of valve device in turbine system	702/183	Koga, Tsuguaki et al.	☒
4	☐	US 4274438 A	USPAT	19810623	Method of diagnostic valve testing	137/551	La Coste, Bernard L.	☒
5	☒	GB 2179767 A	EPO	19870311	Safety device for flued gas appliance		BARNES, HUGH VERNON	☐
6	☒	US 4274431 A	USPAT	19810623	Fuel vent with gravity valve	137/43	Keller, Russell D.	☐
7	☐	US 4130051 A	USPAT	19781219	Pneumatic autoschedule cabin pressure controller	454/73	Brudnicki, Myron J.	☒
8	☒	US 6367766 B1	USPAT	20020409	Proportional flow valve	251/129.02	Briant, Robert et al.	☐
9	☐	US 6220569 B1	USPAT	20010424	Electrically controlled proportional valve	251/129.08	Kelly, Edmund F.	☒
10	☒	US 5697554 A	USPAT	19971216	Metering valve for metering a fluid	239/88	Auwaerter, Gerhard et al.	☐
11	☐	US 5513832 A	USPAT	19960507	Variable force solenoid valve	251/129.18	Becker, David L. et al.	☒
12	☒	US 5390697 A	USPAT	19950221	Combination valve	137/494	Muschelknautz, Claudius	☐
13	☒	US 5381816 A	USPAT	19950117	Pressure regulator	137/15.22	Alsobrooks, Daniel E. et al.	☐
14	☐	US 5279327 A	USPAT	19940118	Pressure regulator	137/510	Alsobrooks, Daniel E. et al.	☒
15	☒	US 5078362 A	USPAT	19920107	Spring-biased valve for use in a positive displacement volumetic pump	251/9	Lawless, Michael W. et al.	☐
16	☐	US 5009390 A	USPAT	19910423	Electromagnet and reed-type valve assembly	251/129.2	McAuliffe, Jr., Lawrence et al.	☒
17	☒	US 4796854 A	USPAT	19890110	Balanced solenoid valves	251/129.07	Ewing, James H.	☐
18	☒	US 4792113 A	USPAT	19881220	Fluid flow control valve	251/65	Eidsmore, Paul G.	☐
19	☒	US 4664136 A	USPAT	19870512	Pressure regulating transducer	137/85	Everett, William F.	☐
20	☐	US 4624443 A	USPAT	19861125	Fluid-flow control valve	251/65	Eidsmore, Paul G.	☒
21	☐	US 4344603 A	USPAT	19820817	Electromagnetic valve apparatus with a hand-operated transfer device	251/129.03	Hozumi, Kazuhiro et al.	☒
22	☐	US 6192920 B1	USPAT	20010227	Chain link float valve	137/430	Hellerman, Lance W.	☒